AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph beginning on page 13, line 10 and ending on page 14 at line 24 with the following amended paragraph:

Referring now to FIG. 4, a stack of switchable elements according to an embodiment of the present invention is shown and indicated generally at **800**. Stack **800** includes switchable elements, generally indicated at **750**, **752**, **754**. While three elements **750**, **752**, **754** are shown, any number may be employed in stack **800**. Elements **750**, **752**, **754** may each include a liquid crystal lens interposed between substrates **832**, **834**, **836**, **838**. Substrates **832**, **834**, **836**, **838** are at least partially transparent to light **820**, **830** transmitted through stack **800**. Substrates **832**, **834**, **836**, **838** may comprise glass, plastic, acrylic resin, polymer, crystal, thin films or other materials known to provide a structure for layered electro-optic devices. Substrates **832**, **834**, **836**, **838** each have a first substrate surface and a second substrate surface **839** and **840**, **842** and **844**, **846** and **848**, **850** and **852**, respectively. At least a portion of substrate surfaces **839**, **840**, **842**, **844**, **846**, **848**, **850**, **852** can include an antireflection coating as may be desirable for minimizing the loss of light **820**, **830** transmitted through stack **800**. At least a portion of substrate surfaces **840**, **842**, **844**, **846**, **848**, **850** are deposited with a generally transparent electrical conductors such as indium tin oxide or conducting polymer. Deposited on the conductive substrate surfaces **840**, **842**, **844**, **846**, **848**, **850** are lens function layers **860**, **862**, **864**, **866**, **868**, **870**. Lens function layers **860**, **862**, **864**, **866**, **868**, **870** may consist of materials that may <u>be</u> patterned and include without limitation polymer, epoxy, polymer-dispersed liquid crystal, poly (methyl methacrylate) (PMMA) or photoresist. Lens function layers **860**, **862**, **864**, **866**, **868**, **870** are at least partially transparent to light **820**, **830** transmitted through stack **800**. A portion of the lens function layers **860**, **862**, **864**, **866**, **868**, **870** also are patterned such that the thickness, index of refraction, transmittance, scattering, absorption or other optical property of each layer spatially varies, and, in turn, may perform a phase, amplitude and/or ~~frquency~~ <u>frequency</u> modifying function on light transmitted through the layers. Lens function layers **860**, **862**, **864**, **866**, **868**, **870** may be patterned using techniques that include without limitation as optical lithography, electron-beam lithography, UV light exposure, holographic, laser or other interferometry, or contact pattern transfer from a patterned substrate to a portion of the lens function layers. Preferably, lens function layers **860**, **862**, **864**, **866**, **868**, **870** are patterned with a lens function including without limitation, the optical properties of lenses such as thin, thick, Fresnel, concave, convex, binary,

diffracting, aspheric, on-axis, off-axis, cylindrical, holographic and other lenses. Lens function layers **860**, **862**, **864**, **866**, **868**, **870** may also include alignment grooves or additional alignment layers to provide a desired orientation or alignment of liquid crystal monomers. Lens function layers **860**, **862**, **864**, **866**, **868**, **870** are preferably separated by spacers **880**, **881**, **882**, **883**, **884**, **885**. Spacers **880**, **881**, **882**, **883**, **884**, **885** serve to provide cells **890**, **892**, **894** between adjacent pairs of layers **860**, **862**, **864**, **866**, **868**, **870**, and may comprise such materials as mylar, photoresist, glass fiber, glass or plastic spheres or other films or materials of generally uniform or controlled thickness. At least a portion of cells **890**, **892**, **894** are filled with liquid crystal fluid **900**, **902**, **904**. Liquid crystal **900**, **902**, **904** may include without limitation one or more of a liquid crystal material, liquid crystal, doped liquid crystal, doped liquid crystal material, a nematic liquid crystal, a nematic liquid crystal material, a smetic liquid crystal, a smetic liquid crystal material, a ferroelectric liquid crystal, a ferroelectric liquid crystal material or a polymer dispersed liquid crystal material. Conductor surfaces **840**, **842**, **844**, **846**, **848**, **850** are connected to control cables **910**, **912**, **914**. Control cables **910**, **912**, **914** are connected to controller **772**. Controller **772** provides voltage to control cables **910**, **912**, **914** and provides electric fields across pairs of conducting surfaces **840**, **842**, **844**, **846**, **848**, **850** which control the molecular orientation of liquid crystal **900**, **902**, **904**.